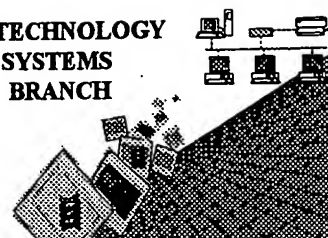


BIOTECHNOLOGY
SYSTEMS
BRANCH



PB
DLO

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/031,123A
Source: PCT 10
Date Processed by STIC: 7/17/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , **EFS Submission User Manual - ePAVE**)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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**Does Not Comply
Corrected Diskette Needed**

PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/031,123A

DATE: 07/17/2002
TIME: 09:08:11

*See p. 2 for
Explanation of other
errors.*

Input Set : A:\EP.txt
Output Set: N:\CRF3\07172002\J031123A.raw

3 <110> APPLICANT: Pharm. Co., Ltd.
5 <120> TITLE OF INVENTION: Modified human granulocyte-colony stimulating factor and
process for
6 producing
7 same
9 <130> FILE REFERENCE: PCA00729/HMY
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/031,123A
C--> 11 <141> CURRENT FILING DATE: 2002-05-13
11 <160> NUMBER OF SEQ ID NOS: 71
13 <170> SOFTWARE: KOPATIN 1.0

ERRORED SEQUENCES

1083 <210> SEQ ID NO: 71
1084 <211> LENGTH: 10
1085 <212> TYPE: DNA
1086 <213> ORGANISM: Artificial Sequence
1088 <220> FEATURE:
1089 <223> OTHER INFORMATION: Modified Shine-Dalgarno sequence
1091 <400> SEQUENCE: 71
1092 gaggtgtttt
E--> 1096 ① - delete

10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/031,123A

DATE: 07/17/2002
TIME: 09:08:13

Input Set : A:\EP.txt
Output Set: N:\CRF3\07172002\J031123A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:9; Line(s) 193
Seq#:11; Line(s) 220
Seq#:46; Line(s) 672
Seq#:67; Line(s) 1015
Seq#:69; Line(s) 1052

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:56,58,60,62,64,66,68,70

VERIFICATION SUMMARY

DATE: 07/17/2002

PATENT APPLICATION: US/10/031,123A

TIME: 09:08:13

Input Set : A:\EP.txt

Output Set: N:\CRF3\07172002\J031123A.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:248 M:283 W: Missing Blank Line separator, <400> field identifier
L:342 M:283 W: Missing Blank Line separator, <400> field identifier
L:821 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:1096 M:254 E: No. of Bases conflict, this line has no nucleotides.